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What is claimed is:

1.   An air traffic information display system comprising:

        a data manager including a first interface and a plurality of second interfaces;

        a first database server connected to the data manager via the first interface; and

        a plurality of clients capable of coupling to the data manager via the plurality of second interfaces;

        the data manager including a subscription list for the plurality of clients for providing data updates in accordance thereto.

2.   A system as claimed in claim 1 wherein the data manager is a primary data manager and further including an alternate data manager capable of coupling to the primary data manager via one of the plurality of second interfaces.

3.   A system as claimed in claim 1 wherein one of the plurality of clients is an external input/output server.

4.   A system as claimed in claim 1 wherein at least one of the plurality of clients is a workstation having a display screen.

5.   A system as claimed in claim 1 wherein the plurality of second interfaces each include a server data manager.

6.   A system as claimed in claim 1 wherein the plurality of clients each include a client data manager.

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7.   A system as claimed in claim 1 wherein the data manager includes a flight data entry object list.

8.   A system as claimed in claim 1 wherein the data manager includes a socket connection list.

5   9.   A system as claimed in claim 1 wherein the data manager includes a system list.

10.   A system as claimed in claim 1 wherein the first database server includes first tables for current data and second tables for logging changes to current data.

11.   A system as claimed in claim 10 wherein the first tables include a flight data
10   table.

12.   A system as claimed in claim 10 wherein the first tables include an airport system table.

13.   A system as claimed in claim 10 wherein the first tables include a system table.

15   14.   A system as claimed in claim 10 wherein the second tables include a flight data table.

15.   A system as claimed in claim 10 wherein the second tables include an airport system table.

16.   A system as claimed in claim 10 wherein the second tables include a system
20   table.

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17.   A system as claimed in claim 1 wherein the first interface is ODBC.

18.   A system as claimed in claim 1 further comprising a gateway database server.

19.   A system as claimed in claim 18 wherein the gateway database server includes third tables for receiving updates from the second tables.

5   20.   A system as claimed in claim 19 wherein the gateway database server includes fourth tables for logging copies of the third tables.

21.   A system as claimed in claim 18 wherein the gateway database server includes fifth tables for storing movements.

22.   A system as claimed in claim 21 wherein the gateway database server includes
10   a module for calculating movements in dependence upon changes in the third tables.

23.   A method of displaying air traffic information comprising the steps of:

        maintaining a list of subscribers for data updates;
        receiving a data update request;
        changing the data in accordance with the request;
15   storing the changed data; and
        providing the changed data in accordance with the list of subscribers.

24.   A method as claimed in claim 23 wherein the step of maintaining a list of subscribers includes storing criteria for each subscriber in the list.

25.   A method as claimed in claim 24 wherein the step of providing the changed
20   data includes providing only the data determined by the criteria.

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26.   A method as claimed in claim 23 wherein the step of storing includes storing the changed data in first tables.

27.   A method as claimed in claim 23 wherein the step of storing includes storing a log of data change transactions in second tables.

5   28.   A method as claimed in claim 26 wherein the first tables include a flight data table.

29.   A method as claimed in claim 26 wherein the first tables include an airport system table.

30.   A method as claimed in claim 26 wherein the first tables include a system
10   table.

31.   A method as claimed in claim 27 wherein the second tables include a flight data table.

32.   A method as claimed in claim 27 wherein the second tables include an airport system table.

15   33.   A method as claimed in claim 27 wherein the second tables include a system table.

34.   A method as claimed in claim 27 wherein the step of storing includes storing updates from the second tables in third tables.

35.   A method as claimed in claim 34 wherein the step of storing includes logging
20   copies of the third tables in fourth tables.

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36.   A method as claimed in claim 34 wherein the step of storing includes calculating movements in dependence upon changes in the third tables.

37.   A method as claimed in claim 36 wherein the step of storing includes storing movements in fifth tables.

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